

Qi Liu

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,772
citations

331538

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h-index

414303

32
g-index

33
all docs

33
docs citations

33
times ranked

2884
citing authors

#	ARTICLE	IF	CITATIONS
1	Network localization of neurological symptoms from focal brain lesions. <i>Brain</i> , 2015, 138, 3061-3075.	3.7	364
2	Mettl1/Wdr4-Mediated m7G tRNA Methylome Is Required for Normal mRNA Translation and Embryonic Stem Cell Self-Renewal and Differentiation. <i>Molecular Cell</i> , 2018, 71, 244-255.e5.	4.5	276
3	METTL1-mediated m7G modification of Arg-TCT tRNA drives oncogenic transformation. <i>Molecular Cell</i> , 2021, 81, 3323-3338.e14.	4.5	153
4	METTL4 is an snRNA m6Am methyltransferase that regulates RNA splicing. <i>Cell Research</i> , 2020, 30, 544-547.	5.7	84
5	Radiation Resistance in KRAS-Mutated Lung Cancer Is Enabled by Stem-like Properties Mediated by an Osteopontin-EGFR Pathway. <i>Cancer Research</i> , 2017, 77, 2018-2028.	0.4	80
6	Lung Cancer Cell Line Screen Links Fanconi Anemia/BRCA Pathway Defects to Increased Relative Biological Effectiveness of Proton Radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 1081-1089.	0.4	77
7	Effects of Charged Particles on Human Tumor Cells. <i>Frontiers in Oncology</i> , 2016, 6, 23.	1.3	75
8	Subjugation of TGF β 2 Signaling by Human Papilloma Virus in Head and Neck Squamous Cell Carcinoma Shifts DNA Repair from Homologous Recombination to Alternative End Joining. <i>Clinical Cancer Research</i> , 2018, 24, 6001-6014.	3.2	71
9	Relative Biologic Effectiveness (RBE) of 50 kV X-rays Measured in a Phantom for Intraoperative Tumor-Bed Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 1127-1133.	0.4	60
10	DNA Damage Response Assessments in Human Tumor Samples Provide Functional Biomarkers of Radiosensitivity. <i>Seminars in Radiation Oncology</i> , 2015, 25, 237-250.	1.0	59
11	Salvianolic Acid B Attenuates Toxin-Induced Neuronal Damage via Nrf2-Dependent Glial Cells-Mediated Protective Activity in Parkinson's Disease Models. <i>PLoS ONE</i> , 2014, 9, e101668.	1.1	43
12	PARP-1 inhibition with or without ionizing radiation confers reactive oxygen species-mediated cytotoxicity preferentially to cancer cells with mutant TP53. <i>Oncogene</i> , 2018, 37, 2793-2805.	2.6	42
13	Acquired Resistance of EGFR-Mutated Lung Cancer to Tyrosine Kinase Inhibitor Treatment Promotes PARP Inhibitor Sensitivity. <i>Cell Reports</i> , 2019, 27, 3422-3432.e4.	2.9	42
14	Biology of high single doses of IORT: RBE, 5 α TMs, and other biological aspects. <i>Radiation Oncology</i> , 2017, 12, 24.	1.2	37
15	Adapting a Drug Screening Platform to Discover Associations of Molecular Targeted Radiosensitizers with Genomic Biomarkers. <i>Molecular Cancer Research</i> , 2015, 13, 713-720.	1.5	34
16	Disruption of SLX4-MUS81 Function Increases the Relative Biological Effectiveness of Proton Radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 78-85.	0.4	33
17	Loss of TGF β 2 signaling increases alternative end-joining DNA repair that sensitizes to genotoxic therapies across cancer types. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	33
18	Late Infection-Related Mortality in Asplenic Survivors of Childhood Cancer: A Report From the Childhood Cancer Survivor Study. <i>Journal of Clinical Oncology</i> , 2018, 36, 1571-1578.	0.8	28

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19	Misrepair in Context: TGF β 2 Regulation of DNA Repair. <i>Frontiers in Oncology</i> , 2019, 9, 799.	1.3	28
20	Tremella Polysaccharides attenuated sepsis through inhibiting abnormal CD4+CD25high regulatory T cells in mice. <i>Cellular Immunology</i> , 2014, 288, 60-65.	1.4	26
21	A TGF β 2-miR-182-BRCA1 axis controls the mammary differentiation hierarchy. <i>Science Signaling</i> , 2016, 9, ra118.	1.6	23
22	Annexin A2 Plus Low-Dose Tissue Plasminogen Activator Combination Attenuates Cerebrovascular Dysfunction After Focal Embolic Stroke of Rats. <i>Translational Stroke Research</i> , 2017, 8, 549-559.	2.3	23
23	Association between Cerebral Arterial Stiffness and Large Artery Atherosclerosis in Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2993-3000.	0.7	16
24	Long-Term Risk of Venous Thromboembolism in Survivors of Childhood Cancer: A Report From the Childhood Cancer Survivor Study. <i>Journal of Clinical Oncology</i> , 2018, 36, 3144-3151.	0.8	11
25	Targeting the DNA replication stress phenotype of KRAS mutant cancer cells. <i>Scientific Reports</i> , 2021, 11, 3656.	1.6	10
26	Exploiting Canonical TGF β 2 Signaling in Cancer Treatment. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 16-24.	1.9	10
27	SRSF1 governs progenitor-specific alternative splicing to maintain adult epithelial tissue homeostasis and renewal. <i>Developmental Cell</i> , 2022, 57, 624-637.e4.	3.1	9
28	Technical note: factors affecting dose distribution in the overlap region of two-segment total body irradiation by helical tomotherapy. <i>Radiation Oncology</i> , 2020, 15, 257.	1.2	7
29	Validation of Anticorrelated TGF β 2 Signaling and Alternative End-Joining DNA Repair Signatures that Predict Response to Genotoxic Cancer Therapy. <i>Clinical Cancer Research</i> , 2022, 28, 1372-1382.	3.2	6
30	CENPM upregulation by E5 oncoprotein of human papillomavirus promotes radiosensitivity in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2022, 129, 105858.	0.8	6
31	A Boronated Derivative of Temozolomide Showing Enhanced Efficacy in Boron Neutron Capture Therapy of Glioblastoma. <i>Cells</i> , 2022, 11, 1173.	1.8	5
32	A HYPOTHESIS OF RADIORESISTANCE AND CELL-SURVIVAL CURVE SHAPE BASED ON CELL-CYCLE PROGRESSION AND DAMAGE TOLERANCE. <i>Radiation Protection Dosimetry</i> , 2019, 183, 107-110.	0.4	1